RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/602,544A

Source: IFWO

Date Processed by STIC: 03/21/2007

ENTERED

RAW SEQUENCE LISTING   DATE: 03/21/2007
PATENT APPLICATION: **US/10/602,544A**   TIME: 09:10:43

Input Set : **A:\MTN27VC1.APP**
Output Set: **N:\CRF4\03212007\J602544A.raw**

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 5 <110> APPLICANT: LIANG, LI-FANG
 7 <120> TITLE OF INVENTION: GROWTH DIFFERENTIATION FACTOR PROMOTER AND USES
 8       THEREFOR
10 <130> FILE REFERENCE: MTN-027DV1CN
12 <140> CURRENT APPLICATION NUMBER: 10/602,544A
13 <141> CURRENT FILING DATE: 2003-06-23
15 <150> PRIOR APPLICATION NUMBER: 09/632,879
16 <151> PRIOR FILING DATE: 2000-08-04
18 <150> PRIOR APPLICATION NUMBER: 60/092,865
19 <151> PRIOR FILING DATE: 1998-07-15
21 <150> PRIOR APPLICATION NUMBER: 60/123,270
22 <151> PRIOR FILING DATE: 1999-03-08
24 <150> PRIOR APPLICATION NUMBER: 09/354,409
25 <151> PRIOR FILING DATE: 1999-07-15
27 <160> NUMBER OF SEQ ID NOS: 11
29 <170> SOFTWARE: PatentIn Ver. 3.3
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 649
34 <212> TYPE: DNA
35 <213> ORGANISM: Homo sapiens
37 <400> SEQUENCE: 1
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39 ttggcactaa aaataattta atacaacaaa taaaaatatt ttctacttca aatacttgcc 120
40 taaacaatat aaaatcattt tagtttttga ggaagtaata tttcatattt taaatatgta 180
41 gtataaatta aaattgactt atttaaatta caataagagt tgtgtgagga ttagtaagat 240
42 ttaagtacag tttatattat tgccaacata gacttttgtt tttcaaatgt cacaaatatc 300
43 ttttattatt tgtagattta tttctttat gaagtagtca aatgaatcag ctcacccttg 360
44 actgtaacaa aatactgctt ggtgacttgg gacagacagg gttttaacct ctgacagcga 420
45 gattcattgt ggagcaagag ccaatcatag atcctgacga cacttgtctc atctaagttg 480
46 gaatataaaa agccacttgg aatacagtat aaaagattca ctggtgtggc aagttgtctc 540
47 tcagactgta catgcattaa aattttgctt ggcattactc aaaagcaaaa gaaaagtaaa 600
48 aggaagaaac aagaacaaga aaaagatta tattgatttt aaaatcatg         649
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 44
52 <212> TYPE: DNA
53 <213> ORGANISM: Homo sapiens
55 <400> SEQUENCE: 2
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60 <211> LENGTH: 44
61 <212> TYPE: DNA
62 <213> ORGANISM: Homo sapiens
64 <400> SEQUENCE: 3
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68 <210> SEQ ID NO: 4
69 <211> LENGTH: 396
70 <212> TYPE: DNA
71 <213> ORGANISM: Mus musculus
73 <400> SEQUENCE: 4
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75 tttggggatt tatttcattt atgaagtagt caaatgaatc agcttgccct cgactgtaac 120
76 aaaatactgc ttggtgactt gtgacagaca gggttttaac ctctgacagc gagattcatt 180
77 gtggagcagg agccaatcat agatcctgac gacacttgtc tcctctaagt tggaatataa 240
78 aaagccactt ggaatacagt atacaggact ccctggcgtg gcaggttgtc tctcggacgg 300
79 tacatgcact aatatttcac ttggcattac tcaaaagcaa aaagaagaaa taagaacaag 360
80 ggaaaaaaaa agattgtgct gatttttaaa atgatg                          396
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84 <211> LENGTH: 799
85 <212> TYPE: DNA
86 <213> ORGANISM: Gallus gallus
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111 <223> OTHER INFORMATION: a, c, g or t
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114 <221> NAME/KEY: modified_base
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119 <221> NAME/KEY: modified_base
120 <222> LOCATION: (114)..(114)
121 <223> OTHER INFORMATION: a, c, g or t
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126 <223> OTHER INFORMATION: a, c, g or t
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139 <221> NAME/KEY: modified_base
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141 <223> OTHER INFORMATION: a, c, g or t
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144 <221> NAME/KEY: modified_base
145 <222> LOCATION: (158)..(158)
146 <223> OTHER INFORMATION: a, c, g or t
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151 <223> OTHER INFORMATION: a, c, g or t
153 <400> SEQUENCE: 5
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155 agggtccaca cttcagtaat gaattttgat antaaaggtc ccaatagtta gcanttatag 120
156 tcacacgtga acaaaatgtt tattcntgnt nacntagnac ntatcaggaa aacctatcat 180
157 gattttctga aatctgagct gcttaatgca cgtgaactgt tgaacagcat ggattcctcg 240
158 tgtttgcaat gtatttataa tgtatttttt tcccctcctc ctaacagaaa tccctcagaa 300
159 ttttccttga ggtagtacaa actttcagcc acaatagtga tagaatccta aaggaaccct 360
160 aaaagagagc tctgcctcaa ttcatagtcc aactatgcgt tcagtgtata tttaagaatg 420
161 atagtgctgt cttccagcac tgctgcccat agtacttgga aatatatcct ttcagtatgt 480
162 gaagacgtat cctttacgaa gccaccatat aaatcagttc acccttggct gtaaccaaat 540
163 gctgtctagt gacttgtgat cgacagggct ttaacctctg acagctagat tcattgttgg 600
164 gacaacaacc aatcgtcggt tttgacgaca tgagcctaat caaagttgga gtataaaagc 660
165 ccccttggca tatataaggc acaccagtgt ggcaagccgt ctctcagatt gcatttgctg 720
166 tcacggatct gtttagaact gaaagaaaag gggaaaggga gagggggaa aaaagggcaa 780
167 aaagctgcag tgactgtaa                                          799
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170 <211> LENGTH: 158
171 <212> TYPE: DNA
172 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 6
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176 gacagacagg gttttaacct ctgacagcga gattcattgt ggagcaagag ccaatcatag 120
177 atcctgacga cacttgtctc atctaagttg gaatataa                    158
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180 <211> LENGTH: 158
181 <212> TYPE: DNA
182 <213> ORGANISM: Mus musculus
184 <400> SEQUENCE: 7
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RAW SEQUENCE LISTING   DATE: 03/21/2007
PATENT APPLICATION: **US/10/602,544A**   TIME: 09:10:44

Input Set : **A:\MTN27VC1.APP**
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186 gacagacagg gttttaacct ctgacagcga gattcattgt ggagcaggag ccaatcatag 120
187 atcctgacga cacttgtctc ctctaagttg gaatataa                          158
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190 <211> LENGTH: 156
191 <212> TYPE: DNA
192 <213> ORGANISM: Sus scrofa
194 <400> SEQUENCE: 8
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196 gacagacagg gttttaacct ctgacagcga gattcattgt ggagcaagag ccaatcatag 120
197 atcctgacga cacttgtctc atcaagtgga atataa                             156
199 <210> SEQ ID NO: 9
200 <211> LENGTH: 159
201 <212> TYPE: DNA
202 <213> ORGANISM: Gallus gallus
204 <400> SEQUENCE: 9
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206 gatcgacagg gctttaacct ctgacagcta gattcattgt tgggacaaca accaatcgtc 120
207 ggttttgacg acatgagcct aatcaaagtt ggagtataa                          159
211 <210> SEQ ID NO: 10
212 <211> LENGTH: 44
213 <212> TYPE: DNA
214 <213> ORGANISM: Homo sapiens
216 <400> SEQUENCE: 10
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219 <210> SEQ ID NO: 11
220 <211> LENGTH: 44
221 <212> TYPE: DNA
222 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 11
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 03/21/2007
PATENT APPLICATION: **US/10/602,544A**   TIME: 09:10:45

Input Set : **A:\MTN27VC1.APP**
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<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 9,30,32,50,55,92,114,146,149,151,154,158,161

VERIFICATION SUMMARY   DATE: 03/21/2007
PATENT APPLICATION: **US/10/602,544A**   TIME: 09:10:45

Input Set : **A:\MTN27VC1.APP**
Output Set: **N:\CRF4\03212007\J602544A.raw**

L:154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
M:341 Repeated in SeqNo=5